



TFW



**Kammer Browning PLLC**  
Registered Patent Attorneys

Linda W. Browning  
lwbrowning@kammerbrowning.com

Mark A. Kammer  
makammer@kammerbrowning.com

June 9, 2004

1015.05

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application No.: 10/721,446; Filed: 11/25/2003; Entitled: **APPARATUS AND METHOD FOR MICROBIAL INTERVENTION AND PASTEURIZATION OF FOOD AND EQUIPMENT**; Inventor: Tottenham, Dennis E.

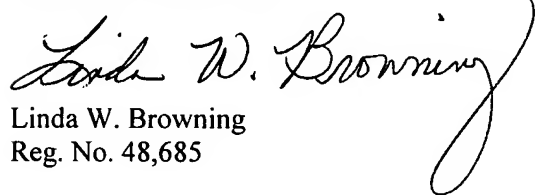
Dear Sir or Madam:

Enclosed for filing with the papers of the above-referenced application are the following documents:

1. Information Disclosure Statement Form PTO-1449 (2 sheets);
2. Copies of Non-U.S. Patent Cited Reference (1 Reference); and
3. Acknowledgment Post Card.

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before mailing date of a First Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

Respectfully submitted,

  
Linda W. Browning  
Reg. No. 48,685

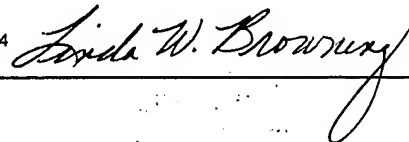
Enclosures

cc: David Purser and Dennis Tottenham (w/encls.)

Certificate of Mailing

I hereby certify that this paper and/or fee and all documents indicated as being attached are being deposited with the United States Postal Service on the date indicated below with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit: June 9, 2004





PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

**Complete if Known**

Application Number	10/721,446
Filing Date	11/25/2003
First Named Inventor	Tottenham, Dennis E.
Art Unit	1761
Examiner Name	
Attorney Docket Number	1015.05

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,350,482 B2	2-26-2002	Tottenham et al.	
		US- 5,439,694 A	8-1995	Morris, Jr.	
		US- 5,514,403 A	5-1996	Webb et al.	
		US- 6,264,889 B1	7-24-2001	Tottenham et al.	
		US- 5,132,084	7-1992	Harrell et al.	
		US- 5,997,813	12-1999	Yaskoff et al.	
		US- 6,153,240	11-28-2000	Tottenham et al.	
		US- 2,510,679	6-1950	Bruce	
		US- 2,619,424	11-1952	Masure	
		US- 2,754,233	7-1956	Owens	
		US- 2,895,836	7-1959	Lazar et al.	
		US- 3,398,261	8-1968	Mays	
		US- 3,630,747	12-1971	Lowe et al.	
		US- 3,754,466	8-1973	Taralli et al.	
		US- 3,873,753	3-1975	Nelson et al.	
		US- 3,891,771	6-1975	Green et al.	
		US- 3,973,047	8-1976	Linaberry et al.	
		US- 4,097,612	6-1978	Powrie et al.	
		US- 4,505,937	3-1985	Demeulemeester et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 2

of 4

**Complete if Known**

Application Number	10/721 446
--------------------	------------

Filing Date	11/25/2003
-------------	------------

First Named Inventor	Tottenham, Dennis E.
----------------------	----------------------

Art Unit	1761
----------	------

Examiner Name

Attorney Docket Number	1015.05
------------------------	---------

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (if known)</sup>			
		US- 4,543,263	9-1985	Goldhahn	
		US- 4,636,395	1-1987	Robinson, Jr. et al.	
		US- 4,789,553	12-1988	McIntyre et al.	
		US- 5,192,565	3-1993	Buhler et al.	
		US- 5,252,347	10-1993	Darbonne	
		US 5,256,438	10-1993	Lewis et al.	
		US- 5,500,238	3-1996	Thienpont	
		US- 5,615,518	4-1997	Suzuki et al.	
		US- 5,711,981	1-1998	Wilson et al.	
		US- 5,932,265	8-1999	Morgan	
		US 5,334,402	8-2-1994	Ovadia	
		US- 3,437,495	4-1969	Jeppson	
		US- 3,889,009	7-1975	Lipoma	
		US- 4,318,931	3-1982	Schiffmann et al.	
		US- 4,640,020	2-1987	Wear et al.	
		US- 4,809,596	3-1989	Akutsu et al.	
		US- 4,812,606	3-1989	Eke	
		US- 5,019,412	5-1991	Hattori	
		US- 5,066,503	11-1991	Ruozi	

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet	3	of	4
-------	---	----	---

**Complete if Known**

Application Number	10/721,446
Filing Date	11/25/2003
First Named Inventor	Tottenham, Dennis E.
Art Unit	1761
Examiner Name	
Attorney Docket Number	1015.05

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/721,446
		Filing Date	11/25/2003
		First Named Inventor	Tottenham, Dennis E.
		Art Unit	1716
		Examiner Name	
Sheet 4	of 4	Attorney Docket Number	1015.05

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SIMTRONICS CORPORATION, SPM-1500 Superheated Steam Boiler, 9/17/2003 <a href="http://www.simtronics.com/catalog/spm/spm1500.htm">http://www.simtronics.com/catalog/spm/spm1500.htm</a>	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.